

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of alerting [[customers]] users of real-time manufacturing production status using the World Wide Web and Internet, comprising:
 - a. allowing ~~said customers~~ a customer to define ~~their own alerts and conditions~~ an alert and conditions corresponding to the alert for said real-time manufacturing production status on a World Wide Web page;
 - b. setting of said alerts and conditions alert and corresponding conditions by product, lot, stage, and production status remotely by said customer using said World Wide Web page;
 - c. checking the alert conditions corresponding conditions when work in process data is updated; and
 - d. sending real-time said [[alerts]] alert automatically to said customer when said alerts and corresponding conditions are met.
2. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status~~ of claim 1, wherein said Web page uses a standard browser for input by said customer.
3. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status~~ of claim 1, wherein said work in process data is updated to a central database.
4. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status~~ of claim 1, wherein function is called which sends the sending real-time said alert comprises sending said alert via electronic communication means to said customer when said conditions are met.

5. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status~~ of claim 2, wherein remote access is provided over said Internet controlled by user ID and password established by a server.

6. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status~~ of claim 2, wherein the defining of said alerts and conditions is done on formatted said Web page that is provided by said server.

7. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status~~ of claim 2, wherein said Web page visually shows in real time said [[customers']] customer's [[said]] manufacturing production status.

8. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status~~ of claim 2, wherein said input by said customer has the capability of being created, changed, and deleted.

9. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status~~ of claim 3, wherein said server is connected to a database or databases at least one database.

10. (Currently Amended) The method of ~~alerting customers of manufacturing production status~~ of claim 4, wherein said alerts and conditions are contained alert and corresponding conditions are stored in an alert database that is created by said server.

11. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status~~ of claim 4, wherein it is possible for a plurality of said manufacturing execution systems from a plurality of Fabs to be updating said database.

12. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status~~ of claim 6, wherein each Fab has its own manufacturing execution system.

13. (Currently Amended) The method of ~~alerting customers of real-time manufacturing production status~~ of claim 8, wherein said formatted Web page is in table form capable of displaying a plurality of jobs.

14. (Currently Amended) The method of ~~alerting customers of manufacturing production status~~ of claim 13, wherein said electronic communication means are Internet connected devices and telephone system connected devices.

15. (Currently Amended) A system of alerting customers of manufacturing production status using the World Wide Web (Web) and Internet, comprising:

- a. means for allowing ~~said customers~~ a customer to define ~~their own alerts and conditions~~ an alerts and conditions corresponding to the alert for said real-time manufacturing production status on a World Wide Web page;
- b. means for setting said alerts and conditions alert and corresponding conditions by product, lot, stage, and production status remotely by said customer using said World Wide Web page;
- c. means for checking the ~~alert conditions~~ corresponding conditions when work in process data is updated; and
- d. means for sending real-time said [[alerts]] alert automatically to said customer when said ~~alerts and~~ conditions are met.

16. (Currently Amended) The system ~~method of alerting customers of real-time manufacturing production status~~ of claim 15, wherein said Web page uses a standard browser for input by said customer.

17. (Currently Amended) The system ~~of alerting customers of real-time manufacturing production status~~ of claim 15, wherein said work in process data is updated to a central database.

18. (Currently Amended) The system ~~of alerting customers of real-time manufacturing production status~~ of claim 15, wherein function is called which sends said alert via electronic communication means to said customer when said conditions are met.

19. (Currently Amended) The system ~~of alerting customers of real-time manufacturing production status~~ of claim 16, wherein remote access is provided over said Internet controlled by user ID and password established by a server.

20. (Currently Amended) The system ~~of alerting customers of real-time manufacturing production status~~ of claim 16, wherein the defining of said alerts and conditions is done on formatted said Web page that is provided by said server.

21. (Currently Amended) The system ~~of alerting customers of real-time manufacturing production status~~ of claim 16, wherein said Web page visually shows in real time said [[customers']] customer's [[said]] manufacturing production status.

22. (Currently Amended) The system ~~of alerting customers of real-time manufacturing production status~~ of claim 16, wherein said input by said customer has the capability of being created, changed, and deleted.

23. (Currently Amended) The system ~~of alerting customers of real-time manufacturing~~

~~production status of~~ claim 17, wherein said server is connected to a database or databases.

24. (Currently Amended) The system of ~~alerting customers of manufacturing production status of~~ claim 18, wherein said alerts and conditions are contained in an alert database that is created by said server.

25. (Currently Amended) The system of ~~alerting customers of real time manufacturing production status of~~ claim 18, wherein it is possible for a plurality of said manufacturing execution systems from a plurality of Fabs to be updating said database.

26. (Currently Amended) The system of ~~alerting customers of real time manufacturing production status of~~ claim 20, wherein each Fab has its own manufacturing execution system.

27-29. (Cancelled)